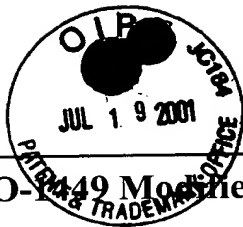




#7

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHRM-0328</b>	Serial No. <b>09/866,066</b>
		Applicant <b>Christopher W. Benjamin et al.</b>	
		Filing Date <b>May 25, 2001</b>	Group <b>1647</b> <del>Not Yet Assigned</del>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
SLW	AA	Akane, A., et al., "direct dideoxy sequencing of genomic DNA by ligation-mediated PCR," <i>Biotechniques</i> , <b>1994</b> , 16(2), 238-241 (page 239 - advertisement)	
	AB	Altschul, S. F., et al., "Basic local alignment search tool," <i>J. Mol. Biol.</i> , <b>1990</b> , 215, 403-410	
	AC	Altschul, S. F., et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <i>Nucleic Acids Research</i> , <b>1997</b> , 25(17), 3389-3402	
	AD	American Veterinary Medical Association, <i>Report of the American Veterinary Medical Assoc.</i> , Panel on Euthanasia, <i>Journal of American Veterinary Medical Assoc.</i> , <b>1993</b> , 202, 229-249	
	AE	Anderson, W. F., "Human gene therapy," <i>Science</i> , <b>1992</b> , 256, 808-813	
	AF	Anderson, W.F., "Human gene therapy," <i>Nature</i> , Supplement to Vol. 392(6679), <b>1998</b> , 25-30	
	AG	Aukrust, P., et al., "Enhanced levels of soluble and membrane-bound CD40 ligand in patients with unstable angina; Possible Reflection of T lymphocyte and platelet involvement in the pathogenesis of acute coronary syndromes", <i>Circulation</i> , <b>1999</b> , 100, pp 614-620	
	AH	Ausubel, et al. (Eds.), "Chapter 6, Screening of recombinant DNA libraries," <i>Current Protocols in Molecular Biology</i> , <b>1994</b> , John Wiley & Sons, 6.0.1-6.4.10	
*	AI	Ausubel, et al. (Eds.), <i>Current Protocols in Molecular Biology</i> , New York, <b>1987-1999</b> , John Wiley & Sons, Inc.	
	AJ	Baindur, N., et al., "Selective fluorescent ligands for pharmacological receptors," <i>Drug Dev. Res.</i> , <b>1994</b> , 33, 373-398	
	AK	Benoist C., et al., "In vivo sequence requirements of the SV40 early promoter region," <i>Nature</i> , <b>1981</b> , 290, 304-310	
*	AL	Berger, et al., <i>Guide to Molecular Cloning Techniques</i> , Methods in Enzymology 152, <b>1987</b> , Academic Press, Inc., San Diego, CA	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b> 5/30/03	

\* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHRM-0328</b>	Serial No. <b>09/866,066</b>
		Applicant <b>Christopher W. Benjamin et al.</b>	
		Filing Date <b>May 25, 2001</b>	Group <b>1647</b> <del>Not Yet Assigned</del>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
SLW	AM	Bossé, R., et al., "Development of nonseparation binding and functional assays for G protein-coupled receptors for high throughput screening: Pharmacological characterization of the immobilized CCR5 receptor on FlashPlate <sup>®</sup> ," <i>J. Biomolecular Screening</i> , 1998, 3(4), 285-292	
	AN	Breedon, L., et al., "Regulation of the yeast HO gene," <i>Cold Spring Harb. Symp. Quant. Biol.</i> , 1985, Vol. L, <i>Molecular Biology of Development</i> , 643-650	
	AO	Cane, D. E., et al., "Harnessing the Biosynthetic Code: Combinations, Permutations, and Mutations," <i>Science</i> , Oct. 1998, 282, 63-68	
	AP	Capecci, M. R., "Altering the genome by homologous recombination," <i>Science</i> , 1989, 244, 1288-1292	
	AQ	Chambers, R. C., et al., "Thrombin stimulates fibroblast procollagen production via proteolytic activation of protease-activated receptor 1," <i>Biochem J.</i> , 1998, 333, 121-127	
	AR	Choo, Y., et al., "Promoter-specific activation of gene expression directed by bacteriophage-selected zinc fingers," <i>J. Mol. Biol.</i> , 1997, 273, 525-532	
	AS	Cicala, C., et al., "Bronchoconstrictor effect of thrombin and thrombin receptor activating peptide in guinea-pigs in vivo," <i>Br. J. Pharmacol.</i> , 1999, 126, 478-484	
	AT	Cirino, G., et al., "Thrombin functions as an inflammatory mediator through activation of its receptor," <i>J. Exp. Med.</i> , 1996, 183, 821-827	
*	AU	Cobbold, et al., "Aequorin measurements of cytoplasmic free calcium," In: McCormack J.G., et al. (Eds.), <i>Cellular Calcium: A Practical Approach</i> , 1991, Oxford, IRL Press	
	AV	Colotta, F., et al., "Expression of monocyte chemotactic protein-1 by monocytes and endothelial cells exposed to thrombin," <i>Am. J. Pathol.</i> , 1994, 144, 975-985	
	AW	Cosman, D., et al., "Cloning, sequence and expression of human interleukin-2 receptor," <i>Nature</i> , 1984, 312, 768-771	
	AX	Cosman, D., et al., "High Level Stable Expression of Human Interleukin-2 receptors in Mouse Cells Generates only Low Affinity Interleukin-2 Binding Sites," <i>Mol. Immunol.</i> , 1986, 23(9), 935-941	
	AY	Cutting, G. R., "Cloning of the $\gamma$ -aminobutyric acid (GABA) $\rho$ 1cDNA: A GABA receptor subunit highly expressed in the retina," <i>Proc. Natl. Acad. Sci. USA</i> , April 1991, 88, 2673-2677	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b> 5/30/03	

<b>Form PTO-144</b> <b>Modified</b> List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>PHRM-0328</b>	Serial No. <b>09/866,066</b>
	Applicant <b>Christopher W. Benjamin et al.</b>	
	Filing Date <b>May 25, 2001</b>	Group <b>1647</b> <del>Not Yet Assigned</del>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

SLW	AZ	Dayoff, in <i>Atlas of Protein Sequence and Structure</i> , 1972, National Biochemical Research Foundation, Washington, D.C., 5, 124
	BA	DiCuccio, M. N., et al., "A functional tethered ligand thrombin receptor is present on human hematopoietic progenitor cells," <i>Exp. Hematol</i> , 1996, 24, 914-918
*	BB	Di Wallis, Ed., <i>"Electrophysiology, A Practical Approach"</i> , 1993
	BC	Donovan, F. M., et al., "Thrombin induces apoptosis in cultured neurons and astrocytes via a pathway requiring tyrosin kinase and RhoA activities," <i>J. Neurosci</i> , 1997, 17(14), 5316-5326
	BD	Douglas, A. M., et al., "Direct sequencing of double-stranded PCR products incorporating a chemiluminescent detection procedure," <i>Biotechniques</i> , 1993, 14, 824-828
	BE	Drmanac, S., et al., "Accurate sequencing by hybridization for DNA diagnostics and individual genomics," <i>Nature Biotechnology</i> , 1998, 16, 54-58
	BF	Drmanac, R., et al., "DNA Sequence Determination by Hybridization A Strategy for Efficient Large-Scale Sequencing," <i>Science</i> , 1993, 260, 1649-1652 (sequencing by hybridization)
	BG	Dunlop, J., et al., "Characterization of 5-HT <sub>1A</sub> receptor functional coupling in cells expressing the human 5-HT <sub>1A</sub> receptor as assessed with the cytosensor microphysiometer," <i>J. Pharmacological and Toxicological Methods</i> , 1998, 40(1), 47-55
*	BH	Eisenthal, R., et al. (Eds.) In <i>Enzyme Assays, A Practical Approach</i> , 1992, Oxford University Press
	BI	Fields, S., et al., "A novel genetic system to detect protein-protein interactions," <i>Nature</i> , 1989, 340, 245-246
	BJ	Fields, S., et al., "The two-hybrid system: an assay for protein-protein interactions," <i>Trends in Genetics</i> , 1994, 10(8), 286-292
	BK	Fink, M., et al., "Cloning, functional expression and brain localization of a novel unconventional outward rectifier K <sup>+</sup> channel", <i>The EMBO Journal</i> , 1996, Vol 15(24), pp 6854-6862
	BL	Fischer, S. G., et al., "DNA fragments differing by single base-pair substitutions are separated in denaturing gradient gels: Correspondence with melting theory," <i>Proc. Natl. Acad. Sci. USA</i> , 1983, 80, 1579-1583

**EXAMINER***Sandra Weger***DATE CONSIDERED***5/30/03*

\* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

Form PTO-144 Modified

Docket No.  
PHRM-0328Serial No.  
09/866,066List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeApplicant  
Christopher W. Benjamin et al.Filing Date  
May 25, 2001Group  
~~Not Yet Assigned~~ 1647

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SLW	BM	Friedmann, T., "Progress toward human gene therapy," <i>Science</i> , 1989, 244, 1275-1281
	BN	Gerhardt, C. C., et al., "Functional characteristics of heterologously expressed 5-HT receptors," <i>Eur. J. Pharmacology</i> , 1997, 334, 1-23
	BO	Gill, J. S., et al., "Thrombin induced inhibition of neurite outgrowth from dorsal root ganglion neurons," <i>Brain Res.</i> , 1998, 797, 321-327
	BP	Grabham, P., et al., Thrombin receptor activation stimulates astrocyte proliferation and reversal of stellation by distinct pathways: involvement of tyrosine phosphorylation," <i>J. Neurochem</i> , 1995, 64, 583-591
	BQ	Greisman, H. A., et al., "A general strategy for selecting high-affinity zinc finger proteins for diverse DNA target sites," <i>Science</i> , 1997, 275, 657-661
*	BR	Harlow, et al. (Eds.), <i>Antibodies A Laboratory Manual</i> , 1988, Cold Spring Harbor Laboratory; Cold Spring Harbor, New York
	BS	Hauck, R. W., et al., "α-thrombin stimulates contraction of human bronchial rings by activation of protease-activated receptors," <i>Am J. Physiol</i> , 1999, 277, L22-L29
*	BT	Haugland, <i>Handbook of Fluorescent probes and Research Chemicals</i> , 6 <sup>th</sup> Ed., 1996, Eugene OR: Molecular Probes
	BU	Henikoff, S., et al., "Amino acid substitution matrices from protein blocks," <i>Proc. Natl. Acad. Sci. USA</i> , 1992, 89, 10915-10919
*	BV	Hershey, A. D., (Ed.), <i>The Bacteriophage Lambda</i> , 1973, Cold Spring Harbor Press, Cold Spring Harbor, New York
	BW	Hill, D. C., "Trends in development of high-throughput screening technologies for rapid discovery of novel drugs," <i>Cur. Opinion Drug Disc. Dev.</i> , 1998, 1(1), 92-97
	BX	Hodgson, J., "Receptor screening and the search for new pharmaceuticals," <i>Bio/Technology</i> , 1992, 10, 973-980
	BY	Hoffman, M., et al., "Thrombin enhances monocyte secretion of tumor necrosis factor and interleukin-1 beta by two distinct mechanisms," <i>Blood Cells Mol Dis</i> , 1995, 21, 156-167
	BZ	Jan, L.Y. et al., "Voltage gated and inwardly rectifying potassium channels", <i>J. Physiol</i> , 1997, 505.2, pp 267-282

EXAMINER

DATE CONSIDERED 5/30/03

\* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

<b>Form PTO-144 Modified</b>		Docket No. <b>PHRM-0328</b>	Serial No. <b>09/866,066</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Christopher W. Benjamin et al.</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>May 25, 2001</b>	Group <b>1647</b> <del>Not Yet Assigned</del>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

SLW	CA	Jayawickreme, C. K., et al., "Gene expression systems in the development of high-throughput screens, <i>Current Opinion in Biotechnology</i> , 1997, 8, 629-634
	CB	Karlin, S., et al., "Applications and statistics for multiple high-scoring segments in molecular sequences," <i>Proc. Natl. Acad. Sci. USA</i> , 1993, 90, 5873-5787
	CC	Kieleczawa, J., et al., "DNA sequencing by primer walking with strings of contiguous hexamers," <i>Science</i> , 1992, 258, 1787-1791
	CD	Kim, J., et al., "Design of TATA box-binding protein/zinc finger fusions for targeted regulation of gene expression," <i>Proc. Natl. Acad. Sci. USA</i> , 1997, 94, 3616-3620
	CE	Krough et al., "Hidden markov models in computational biology" <i>J. Mol. Biol.</i> 1994, 235, pp 1501-1531
	CF	Kuntzweiler, T. A., et al., "Rapid assessment of ligand actions with nicotinic acetylcholine receptors using calcium dynamics and FLIPR," <i>Drug Development Research</i> , 1998, 44(1), 14-20
	CG	Kurachi, Y. et al., "Potassium Ion Channels, Molecular Structure, function, and Diseases" <i>Current Topics in Membrances</i> , 1999, 46, pp199-222
*	CH	Lambda II, Hendrix, R.W., Ed., 1998, Cold Spring Harbor Press, Cold Spring Harbor, NY,
	CI	Lehninger, "Chapter 4, The amino acid building blocks of proteins," <i>Biochemistry</i> , 2 <sup>nd</sup> Ed., 1975, Worth Publishers, Inc., New York, New York, 71-77
	CJ	Levin, E.D. et al., "AR-R 17779, an 7 nicotinic agoinst, improves learning and memory in rats" <i>Behavioural Pharmacology</i> , 1999, 10, pp 675-780
	CK	Lin, A. H., et al., "The oxazolidinone eperezolid binds to the 50S ribosomal subunit and competes with binding of chloramphenicol and lincomycin," <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41(10), 2127-2131
	CL	Liu, Q., et al., "Design of polydactyl zinc-finger proteins for unique addressing within complex genomes," <i>Proc. Natl. Acad. Sci. USA</i> , 1997, 94, 5525-5530
	CM	Luckow, V. A., et al., "Trends in the development of baculovirus expression vectors," <i>Bio/Technology</i> , 1988, 6, 47-55

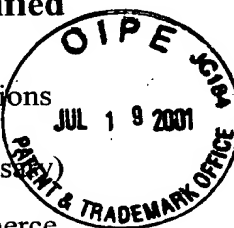
<b>EXAMINER</b> <i>Sandra Weger</i>	<b>DATE CONSIDERED</b> <i>5/20/03</i>
-------------------------------------	---------------------------------------

\* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office



Docket No.  
PHRM-0328

Serial No.  
09/866,066

Applicant  
Christopher W. Benjamin et al.

Filing Date  
May 25, 2001

Group **1647**  
~~Not Yet Assigned~~

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

SW	CN	Luckow, V. A., et al., "High Level Expression of Nonfused Foreign Genes with Autographa californica Nuclear Polyhedrosis Virus Expression Vectors," <i>Virology</i> , <b>1989</b> , 170, 31-39
	CO	Mahajan, N. P. et al., "Bcl-2 and Bax interactions in mitochondria probed with green fluorescent protein and fluorescence resonance energy transfer," <i>Nature Biotechnology</i> , <b>June 1998</b> , 16, 547-552
	CP	Maxam, A. M., et al., "Sequencing end-labeled DNA with bse-specific chemical cleavages", <i>Meth. Enzymol.</i> , <b>1977</b> , Vol. 65, 499-560
	CQ	McColl, D. J., et al., "Structure-based design of an RNA-binding zinc finger", <i>Proc. Natl. Acad. Sci. (USA)</i> , <b>1997</b> , Vol. 96, 9521-9526
	CR	Miller, A. D., "Human gene therapy comes of age", <i>Nature</i> , <b>1992</b> , Vol. 357, pp. 455-460
	CS	Mirzabekov, A. D., "DNA sequencing by hybridization - A megasequencing method and a diagnostic tool?", <i>TIBTECH</i> , <b>1994</b> , Vol. 12, 27-32
	CT	Morris, R., et al., "Thrombin receptor expression in rheumatoid and osteoarthritic synovial tissue", <i>Ann. Rheum. Dis.</i> , <b>1996</b> , Vol. 55, 841-843
	CU	Murphy, A. J., et al., "From DNA to drugs: the orphan G-protein coupled receptors," <i>Cur. Opinion Drug Disc. Dev.</i> , <b>1998</b> , 1(2), 192-199
	CV	Myers, R. M., et al., "Detection of single base substitutions by ribonuclease cleavage at mismatches in RNA: DNA duplexes", <i>Science</i> , <b>1985</b> , Vol. 230, 1242-1246
	CW	Myers, P., "Will combinatorial chemistry deliver real medicines," <i>Curr. Opin. Biotechnology</i> , <b>1997</b> , 8, 701-707
	CX	Nakayama, G. R., "Microplate assays for high-throughput screening," <i>Cur. Opinion Drug Disc. Dev.</i> , <b>1998</b> , 1(1), 85-91
	CY	Naldini, A., et al., "Thrombin modulation of natural killer activity in human peripheral lymphocytes," <i>Cell Immunol</i> , <b>1996</b> , 172, 35-42
*	CZ	O'Rielly, et al. (Eds.), <i>Baculovirus Expression Vectors: A Laboratory Manual</i> , <b>1992</b> , W.H. Freeman and Company, New York
	DA	Okayama, H., et al., "A cDNA cloning vector that permits expression of cDNA inserts in mammalian cells," <i>Mol. Cell. Biol.</i> , <b>1983</b> , 3(2), 280-289

**EXAMINER****DATE CONSIDERED**

\* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

<b>Form PTO-144 Modified</b>		Docket No. <b>PHRM-0328</b>	Serial No. <b>09/866,066</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Christopher W. Benjamin et al.</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>May 25, 2001</b>	Group <b>1647</b> <del>Not Yet Assigned</del>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
SLW	DB	Orita, M., et al., "Detection of polymorphisms of human DNA by gel electrophoresis as single-strand conformation polymorphisms," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1989</b> , 86, 2766-2770	
*	DC	Osol, A. (Ed.), <i>Remington's Pharmaceutical Sciences</i> , 16 <sup>th</sup> Ed., <b>1980</b>	
	DD	Patel, A.J. et al., "Inhalational anesthetics activate two-pore domain background K <sup>+</sup> channels," <i>Nature Neuroscience</i> , <b>1999</b> , Vol 2, (5), pp 422-426	
	DE	Parodi, L. A., et al., "A consensus procedure for predicting the location of $\alpha$ -helical transmembrane segments in proteins," <i>Comput. Appl. Biosci.</i> , <b>1994</b> , 10(5), 527-535	
	DF	Pastinen, T., et al., "Minisequencing: A specific tool for DNA analysis and diagnostics on oligonucleotide arrays," <i>Genome Res.</i> , <b>1997</b> , 7, 606-614	
	DG	Pausch, M. H., "G-protein-coupled receptors in <i>saccharomyces cerevisiae</i> : high-throughput screening assays for drug discovery," <i>Trends in Biotechnology</i> , <b>1997</b> , 15, 487-494	
	DH	Pease, A. C., et al., "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1994</b> , 91, 5022-5026	
	DI	Pindon, A., et al., "Thrombin-induced reversal of astrocyte stellation is mediated by activation of protein kinase C $\beta$ -1," <i>Eur. J. Biochem.</i> , <b>1998</b> , 255, 766-774	
	DJ	Ramsay, G., "DNA chips: state-of-the-art," <i>Nature Biotechnology</i> , <b>1999</b> , 16, 40-48	
	DK	Riesner, D., et al., "Temperature-gradient gel electrophoresis of nucleic acids: Analysis of conformational transitions, sequence variations, and protein-nucleic acid interactions," <i>Electrophoresis</i> , <b>1989</b> , 10, 377-389	
	DL	Roberts, E., et al., "Potassium permanganate and tetraethylammonium chloride are a safe and effective substitute for osmium tetroxide in solid-phase fluorescent chemical cleavage of mismatch," <i>Nucl. Acids Res.</i> , <b>1997</b> , 25(16), 3377-3378	
	DM	Rogers, M. V., "Light on high-throughput screening: fluorescence-based assay technologies," <i>Drug Discovery Today</i> , <b>1997</b> , 2(4), 156-160	
	DN	Rowley, G., et al., "Ultrarapid mutation detection by multiplex solid-phase chemical cleavage," <i>Genomics</i> , <b>1995</b> , 30, 574-582	
<b>EXAMINER</b> <i>Sandra Wegert</i>		<b>DATE CONSIDERED</b> <i>5/20/03</i>	

\* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

Form PTO-144 Modified

Docket No.  
PHRM-0328Serial No.  
09/866,066List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeApplicant  
Christopher W. Benjamin et al.Filing Date  
May 25, 2001Group 647  
~~Not Yet Assigned~~

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SLW	DO	Salkof, L., et al., "Surfing the DNA Databases for K <sup>+</sup> channels nets yet more diversity" <i>Neuron</i> , 1995, Vol 15, pp 485-492
*	DP	Sambrook, et al., (Eds.), <i>Molecular Cloning: A Laboratory Manual</i> , 1989, Cold Spring Harbor Laboratory Press: Cold Spring Harbor, New York, 9.47-9.51
	DQ	Sanger, F., et al., "DNA sequencing with chain-terminating inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> , 1977, 74(12), 5463-5467
	DR	Schafer, A.J. et al., "DNA variation and the future of human genetics" <i>Nature Biotechnology</i> , 1998, Vol 16, pp 33-39
	DS	Schroeder, K. S., et al., "FLIPR: A new instrument for accurate, high throughput optical screening," <i>J. Biomolecular Screening</i> , 1996, 1(2), 75-80
	DT	Segal, D. J., et al., "Toward controlling gene expression at will: Selection and design of zinc finger domains recognizing each of the 5'-GNN-3' DNA target sequences," <i>Proc. Natl. Acad. Sci. USA</i> , 1999, 96, 2758-2763
	DU	Shimada, S. et al., "γ-Aminobutyric Acid A or C Receptor? γ-Aminobutyric Acid $\rho_1$ Receptor RNA Induces Bicuculline-, Barbiturate-, and Benzodiazepine-Insensitive γ-Aminobutyric Acid Responses in <i>Xenopus</i> Oocytes," <i>Molecular Pharmacology</i> , Accepted Jan. 25, 1992, 41, 683-687
	DV	Shumaker, J. M., et al., "Mutation detection by solid phase primer extension," <i>Hum. Mutat.</i> , 1996, 7, 346-354
*	DW	Smith et al., "Voltage and Patch clamping with Microelectrodes", 1985
	DX	Smith, T. F., et al., "Comparison of biosequences," <i>Adv. Appl. Math.</i> , 1981, 2, 482-489
	DY	Smith-Swintosky, V. L., et al., "Protease-activated receptor-2 (PAR-2) is present in the rat hippocampus and is associated with neurodegeneration," <i>J. Neurochem</i> , 1997, 69, 1890-1896
	DZ	Stables, J., et al., "A bioluminescent assay for agonist activity at potentially any G-protein-coupled receptor," <i>Analytical Biochemistry</i> , 1997, 252, 115-126
	EA	Strosberg, et al., "Functional expression of receptors in microorganisms," <i>Trends in Pharmacological Sciences</i> , 1992, 13, 95-98
	EB	Suidan, H. A., et al., "The thrombin receptor in the nervous system," <i>Semin Thromb Hemost</i> , 1996, 22(2), 125-133

EXAMINER

DATE CONSIDERED 5/20/03

\* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.



<b>Form PTO-144 Modified</b>		Docket No. <b>PHRM-0328</b>	Serial No. <b>09/866,066</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Christopher W. Benjamin et al.</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>May 25, 2001</b>	Group <b>1647</b> <del>Not Yet Assigned</del>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

SW	EC	Summers, et al., <i>A Manual of Methods for Baculovirus Vectors and Insect Cell Culture Procedures</i> , Texas Agricultural Experimental Station Bulletin No. 1555, <b>1987</b> , 2-46
	ED	Sweetnam, P. M., et al., "The role of receptor binding in drug discovery," <i>J. Natural Products</i> , <b>1993</b> , 56(4), 441-455
*	EE	Academic Press, Kruse & Patterson, Eds., <i>"Tissue Culture"</i> <b>1973</b>
	EF	Trejo, J., et al., "The cloned thrombin receptor is necessary and sufficient for activation of mitogen-activated protein kinase and mitogenesis in mouse lung fibroblasts," <i>J. Biol. Chem.</i> , <b>1996</b> , 271, 21536-21541
	EH	Turgeon, V. L., et al., "Thrombin perturbs neurite outgrowth and induces apoptotic cell death in enriched chick spinal motoneuron cultures through caspase activation," <i>J. Neurosci</i> , <b>1998</b> , 18(17), 6882-6891
	EI	Ubl, J. J., et al., "Characteristics of thrombin-induced calcium signals in rat astrocytes," <i>Glia</i> , <b>1997</b> , 21, 361-369
	EJ	Vanden Broeck, J.J.M., "G-protein coupled receptors in insect cells", <i>Int. Rev. Cytology</i> , <b>1996</b> , 164, pp 5633-5638
	EK	Verma, I. M., "Gene therapy," <i>Scientific American</i> , <b>1990</b> , 68-84 (pages 73-80 and 83 are advertisements)
	EL	Wahlestedt, C. et al., "Potent and nontoxic antisense oligonucleotides containing locked nucleic acids," <i>PNAS</i> , <b>May 9, 2000</b> , 97(10), 5633-5638
	EM	White, M. B., et al., "Detecting single base substitutions as heteroduplex polymorphisms," <i>Genomics</i> , <b>1992</b> , 12, 301-306
	EN	Wieboldt, R., et al., "Immunoaffinity ultrafiltration with ion spray HPLC/MS for screening small-molecule libraries," <i>Anal. Chem.</i> , <b>1997</b> , 69(9), 1683-1691
	EO	Williams, M., "Receptor binding in the drug discovery process," <i>Medicinal Research Reviews</i> , <b>1991</b> , 11(2), 147-184
	EP	Wu, H., et al., "Building zinc fingers by selection: toward a therapeutic application," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1995</b> , 92, 344-348

EXAMINER	<i>Samara Weger</i>	DATE CONSIDERED	<b>5/20/03</b>
----------	---------------------	-----------------	----------------

\* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

<b>Form PTO-1449 Modified</b>		Docket No. <b>PHRM-0328</b>	Serial No. <b>09/866,066</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Christopher W. Benjamin</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>May 25, 2001</b>	Group <b>1647</b> <del>Not Yet Assigned</del>

## U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
SLW	EQ	4,399,216	08/16/83	Axel, et al.	435	6
	ER	4,683,195	07/28/87	Mullis et al.,	435	6
	ES	4,683,202	07/28/87	Mullis	435	91
	ET	4,879,236	11/07/89	Smith et al.,	435	235
	EU	5,202,231	04/13/93	Drmanac et al.,	435	6
	EV	5,521,065	05/28/96	Whiteley et al.,	435	6
	EW	5,585,277	12/17/96	Bowie et al.,	436	518
	EX	5,837,832	11/17/98	Chee et al.,	536	22.1

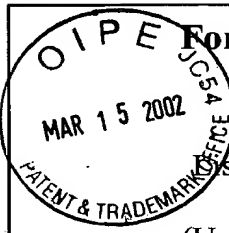
## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	
SLW	EY	WO 91/18982	12/12/91	PCT	—	—
	EZ	WO 91/09955	07/11/91	PCT	—	—
	FA	WO 95/20652	08/03/95	PCT	—	—
	FB	WO 96/22976	08/01/96	PCT	—	—
	FC	WO 94/12650	06/09/94	PCT	—	—
	FD	WO 92/20808	11/26/92	PCT	—	—
	FE	WO 93/11236	06/10/93	PCT	—	—
	FF	WO 98/37177	08/27/98	PCT	—	—

EXAMINER

DATE CONSIDERED

5/20/03

 <p><b>Form PTO-1449 Modified</b></p> <p>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>U.S. Department of Commerce Patent and Trademark Office</p>	<p>Docket No. <b>00229.US1/ PHRM-0328</b></p>	<p>Serial No. <b>09/866,066</b></p>
	<p>Applicant <b>Benjamin et al.</b></p>	
	<p>Filing Date <b>May 25, 2001</b></p>	<p>Group <b><del>1633</del> 1647</b></p>

MAR 19 2002  
 TECH CENTER 1600/2900

RECEIVED

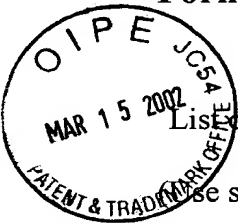
**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
SLW	AA	0 884 386 A1	12/16/98	EP	—	—
	AB	00/26253	05/11/00	WIPO	—	—
	AC	01/32872 A2	05/10/01	WIPO	—	—
	AD	01/44283	06/21/01	WIPO	—	—
	AE	01/85788 A2	11/15/01	WIPO	—	—

<p><b>EXAMINER</b> <i>Sandra Weger</i></p>	<p><b>DATE CONSIDERED</b> <i>5/20/03</i></p>
--	--

10  
 3/15/02

RECEIVED

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>00229.US1/ PHRM-0328</b>	Serial No. <b>09/866,066</b>
		Applicant <b>Benjamin et al.</b>	
		Filing Date <b>May 25, 2001</b>	Group <b><del>1633</del> 1647</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
SLW	AF	Beisel, K. W. et al., "A novel voltage-gated potassium ion channel gene (Dv5.1): Molecular cloning and characterization," <i>American Journal of Human Genetics</i> , <b>October 18, 1994, 55(3), Suppl</b> , University of Chicago Press, Chicago, IL, page A128	
	AG	Michne, W. F. et al., "Novel inhibitors of potassium ion channels on human T Lymphocytes," <i>Journal of Medicinal Chemistry</i> , <b>1995, 11(38)</b> , 1877-1883	
	AH	Annex to Form PCT/ISA/206 - Communication Relating to the Results of the Partial International Search mailed on February 2, 2002, in corresponding International Application No. PCT/US01/16967	
EXAMINER	<i>Sandra Wright</i>		DATE CONSIDERED <b>5/20/03</b>

TECH CENTER 1600/2900

MAR 19 2002